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CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s Swager, Timothy M./in

L1 10 SWAGER, TIMOTHY M./IN

=> s 11 and iptycene

L2 4 L1 AND IPTYCENE

=> d 12 1-4

L2 ANSWER 1 OF 4 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2002016463 PCTFULL ED 20020711 EW 200209
TIEN POLYMERS WITH HIGH INTERNAL FREE VOLUME
TIFR POLYMERES A VOLUME INTERIEUR LIBRE IMPORTANT
IN SWAGER, Timothy, M.; LONG, Timothy, M.; ZHU, Zhengguo
PA MASSACHUSETTS INSTITUTE OF TECHNOLOGY
AG OYER, Timothy, J.
LAF English
LA English
DT Patent
PI WO 2002016463 A2 20020228
DS AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG
ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
AI WO 2001-US26293 A 20010821
PRAI US 2000-60/226,506 20000821
ICM C08G061-00

L2 ANSWER 2 OF 4 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 2001057140 PCTFULL ED 20020827
TIEN INSULATED NANOSCOPIC PATHWAYS, COMPOSITIONS AND DEVICES OF THE SAME
TIFR TRAJETS NANOSCOPIQUES ISOLEES, COMPOSITIONS ET DISPOSITIFS COMPRENANT
LESDITS TRAJETS
IN SWAGER, Timothy, M.

PA MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 DT Patent
 PI WO 2001057140 A1 20010809
 DS CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 AI WO 2001-US3784 A 20010205
 PRAI US 2000-60/180,357 20000204
 ICM C08L101-12
 ICS H01B001-12

L2 ANSWER 3 OF 4 USPATFULL

Full Text	Citing References
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AN 2002:272580 USPATFULL
 TI Polymers with high internal free volume
 IN Swager, Timothy M., Newton, MA, UNITED STATES
 Long, Timothy M., Cambridge, MA, UNITED STATES
 Zhu, Zhengguo, Cambridge, MA, UNITED STATES
 PI US 2002150697 A1 20021017
 AI US 2001-935060 A1 20010821 (9)
 PRAI US 2000-226506P 20000821 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1943
 INCL INCLM: 428/001.100
 INCLS: 252/299.010; 252/299.620; 252/299.100; 430/020.000
 NCL NCLM: 428/001.100
 NCLS: 252/299.010; 252/299.620; 252/299.100; 430/020.000
 IC [7]
 ICM: C09K019-38
 ICS: C09K019-32; G02F001-03; C09K019-52
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 4 USPATFULL

Full Text	Citing References
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AN 2002:77157 USPATFULL
 TI Insulated nanoscopic pathways, compositions and devices of the same
 IN Swager, Timothy M., Newton, MA, UNITED STATES
 PI US 2002040805 A1 20020411
 AI US 2001-777725 A1 20010205 (9)
 PRAI US 2000-180357P 20000204 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 1765
 INCL INCLM: 174/110.000A
 INCLS: 174/110.000SR
 NCL NCLM: 174/110.000A
 NCLS: 174/110.000SR
 IC [7]
 ICM: H01B007-00

=> s iptycene#

L3 13 IPTYCENE#

=> s 13 and ladder polymer#

L4 6 L3 AND LADDER POLYMER#

=> s 14 and graft?

L5 3 L4 AND GRAFT?

=> d 15 1-3

L5 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2003 Univentio

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 ICM C08G061-00

L5 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2003 Univentio

Full
Text

AN 1999057222 PCTFULL ED 20020515
 TIEN EMISSIVE POLYMERS AND DEVICES INCORPORATING THESE POLYMERS
 TIFR POLYMERES EMISSIFS ET DISPOSITIFS RENFERMANT CES POLYMERES
 IN SWAGER, Timothy; YANG, Jye-Shane; WILLIAMS, Vance; MIAO, Yi-Jun;
 LUGMAIR, Claus, G.; LEVITSKY, Igor, A.; KIM, Jinsang; DEANS, Robert
 PA MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 LA English
 DT Patent
 PI WO 9957222 A1 19991111
 DS CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 AI WO 1999-US9852 A 19990505
 PRAI US 1998-60/084,247 19980505
 ICM C09K011-06
 ICS H01L051-20; G01N021-64; H01B001-12

L5 ANSWER 3 OF 3 USPATFULL

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 ICS: C09K019-32; G02F001-03; C09K019-52
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=> d 14 1-6

L4 ANSWER 1 OF 6 PCTFULL COPYRIGHT 2003 Univentio

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ICM C08G061-00

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AI WO 2001-US3784 A 20010205
PRAI US 2000-60/180,357 20000204
ICM C08L101-12
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PA MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LA English
DT Patent
PI WO 9957222 A1 19991111
DS CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AI WO 1999-US9852 A 19990505
PRAI US 1998-60/084,247 19980505
ICM C09K011-06
ICS H01L051-20; G01N021-64; H01B001-12

L4 ANSWER 4 OF 6 USPATFULL

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Text

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References

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 Zhu, Zhengguo, Cambridge, MA, UNITED STATES
 PI US 2002150697 A1 20021017
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 PRAI US 2000-226506P 20000821 (60)
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 NCL NCLM: 428/001.100
 NCLS: 252/299.010; 252/299.620; 252/299.100; 430/020.000
 IC [7]
 ICM: C09K019-38
 ICS: C09K019-32; G02F001-03; C09K019-52
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 6 USPATFULL

Full Text	Citing References
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AN 2002:77157 USPATFULL
 TI Insulated nanoscopic pathways, compositions and devices of the same
 IN Swager, Timothy M., Newton, MA, UNITED STATES
 PI US 2002040805 A1 20020411
 AI US 2001-777725 A1 20010205 (9)
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 LN.CNT 1765
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 INCLS: 174/110.000SR
 NCL NCLM: 174/110.000A
 NCLS: 174/110.000SR
 IC [7]
 ICM: H01B007-00

L4 ANSWER 6 OF 6 USPATFULL

Full Text	Citing References
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AN 90:61449 USPATFULL
 TI Novel ladder polymers for use as high temperature stable resins or coatings
 IN Meador, Mary Ann, Strongsville, OH, United States
 PA The United States of America as represented by the Administrator, National Aeronautics and Space Administration, Washington, DC, United States (U.S. government)
 PI US 4946890 19900807
 AI US 1988-231026 19880811 (7)
 DT Utility
 FS Granted
 LN.CNT 189
 INCL INCLM: 524/600.000
 INCLS: 525/436.000; 528/353.000
 NCL NCLM: 524/600.000
 NCLS: 525/436.000; 528/353.000
 IC [5]
 ICM: C08G073-10
 EXF 525/436; 528/353; 524/600
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.